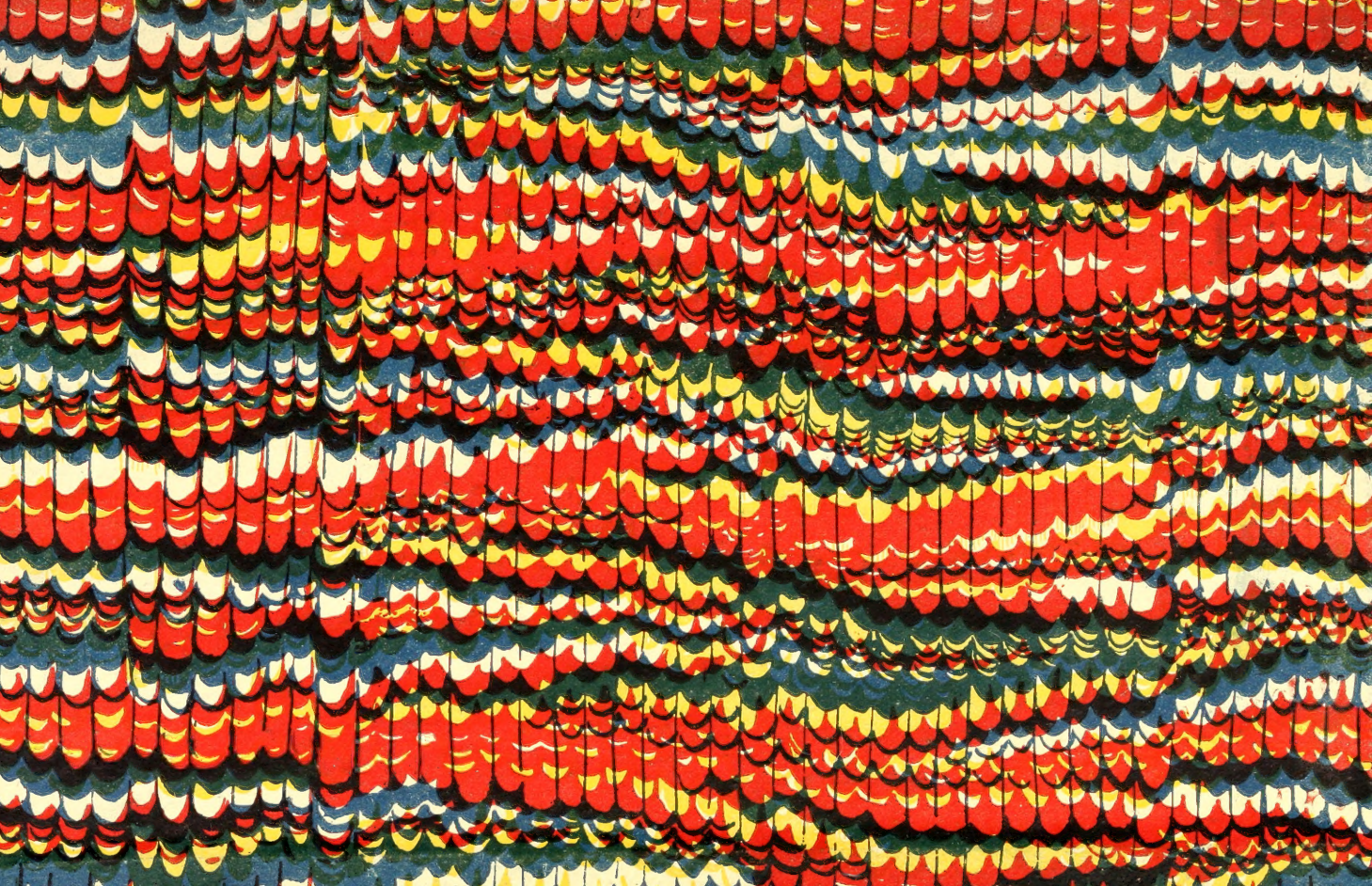
QL
435
L42
1874
INVZ



QL
435
L42
1874
INVZ

Lockington, William N

Crustacea. (Binder's title).

INVERTEBRATE
ZOOLOGY
Crustacea

Smithsonian Institution
244749
National Museum

18

Stechinger

6492L
Smith
60

REGULAR MEETING, JULY 17, 1876.

Vice-President Edwards in the Chair.

Twenty-five members present.

Donations to the Museum: From M. D. Hyde, vial of mud from soundings made from the "Tuscarora." From Henry Edwards, *Hyla*, sp., *Eutænia sirtalis*, *Allorchestes plumulosus*.

In the donations to the library was a volume of the "Botany of California," to which the Vice-President called particular attention. It is now published through the munificence of certain of our citizens, the State Geological Survey having been discontinued, and no money having been appropriated to publish this work. As Judge S. C. Hastings had been mainly instrumental in obtaining the money by means of which the publication of the work was insured, a vote of thanks to that gentleman was passed by the Academy.

W. N. Lockington submitted the following:

Check List of the Decapod and Tetradecapod Crustacea of the West Coast of North America.

BY W. N. LOCKINGTON.

The appended list contains 231 species, collected from the writings of Dana, Stimpson, S. I. Smith and Hale Streets, with the addition of above forty recently described by Mr. W. G. W. Harford and myself.

It is not unlikely that other Panaman and Arctic forms may have been described by American and European naturalists, whose works are not accessible to me; but I have worked in the belief that a check list was wanted, and that the only way to have one was to avail myself of the materials at hand—in the hope that those who have better materials, or more of them, will either be so good as to send me their additions or corrections, or will publish a fuller and better list.

Even if this list should prove complete, or nearly so, as regards species hitherto described, it probably does not contain the half of those actually existing on the long line of coast stretching from Panama to the Arctic Ocean.

Only the more conspicuous species from the coast north of Monterey have hitherto been described, while south of that old city, and extending almost to Panama, lies a vast region which, so far as I am aware, has scarcely been searched at all for Crustacea, though its birds, reptiles, fishes and mollusks have been pretty thoroughly studied.

Numerous Decapoda from Panama and Nicaragua have recently been described by S. I. Smith, and others by Hale Streets, yet the series of new forms given by them must be considered only as a sample of the riches of that region.

Even in and around San Francisco Bay we have found several new species of Tetradecapoda, and probably a systematic dredging would bring to light many more.

Very little dredging has been done along the coast, and that little has been confined to comparatively shallow depths.

The fresh-water streams and lakes of California, as well as those of Mexico, have yet to yield their quota of species for some future check list.

The Entomostraca and Cirripedia as yet described are very few, and these departments offer a large and inviting field to the naturalist.

It is my intention, from time time, to furnish the Academy with additional notes of the species already known, as well as descriptions of such new species as may be sent to us.

Some few of the new species included in this list may, without doubt, prove to have been already described, but I feel assured that this will only be the case with Alaska forms, some of which may probably range throughout the Arctic Seas, inhabiting both North Pacific and North Atlantic.

The names of the naturalists who have described species are given in full throughout this list, with the exception of Stimpson, which is abbreviated to St.

The species at present in the collection of the Academy are denoted thus .

DECAPODA BRACHYURA MAIOIDEA.

Chionœcetes Behringianus. St.....In deep water. Behring's Sts.
Hyas latifrons. St.....Behring's Sea.
Hyas coarctatus. Leach.....Behring's Sts.
Hyas lyratus. Dana.....In deep water. Oregon.
Herbstia parvifrons. Randall.....“Western America.”
*Libinia? verrucosa. Lockington.....Mazatlan.
*Loxorhynchus grandis. St.....Santa Barbara.
Loxorhynchus crispatus. St.....San Miguel.
Omalacantha hirsuta. Hale Streets.....Panama.
Inachus tuberculatus. Lockington.....
*Pisoides? tumidus. Lockington.....San Diego.
*Microrhynchus? Hemphillii.....San Diego.
Libinia affinis? Randall.....Variety of *L. canaliculata*. “Upr. Cala.”
Chorilia longipes. Dana.....Oregon.
*Scyra acutifrons. Dana.....Puget Sd., San Diego.
Othonia picteti. De Saussure.....Mazatlan.
Mithraculus coronatus. St.....Panama.
Mithrax armatus. De Saussure.....Mazatlan.
Oregonia gracilis. Dana.....Puget Sd.
Oregonia hirta. Dana.....Puget Sd.
*Pugettia gracilis. Dana.....Puget Sd.

MQ923720